

16 December 1963

WOM
18 Dec 63
11/14

TRIP REPORT

Place:

[Redacted]

Date:

10 December 1963

Attendees:

[Redacted]

Subjects: Laser/Photography Study and an Advanced, Bar Shaped Magnifier

Five
19 Dec.
[Redacted] *file*

1. There appears to be a basic lack of communication between [Redacted] and NPIC as to what items they should be working on under Contract [Redacted] consequently, there has been very little progress on the Study Program on Exposure of Photographic Materials with Lasers (Par #216, [Redacted]) The only progress to date is the completion of written Study Program Objectives for Par #216 which spell out their intended approach. A copy of these objectives was provided for our use.

2. An involved discussion was held with [Redacted] regarding the possibility of developing an advanced bar shaped magnifier. The desired lens should be approximately 9" x 3" and provide 3X to 4X magnification in both the X and Y directions; furthermore, the lens should be relatively distortion free. Many of these parameters appear mutually exclusive because of the optical principles involved; therefore, a compromise lens would have to be chosen. It is not available commercially and, as a result, would have to be designed "from the ground up". Since this would be a rather expensive process, alternative approaches must be investigated first.

3. Conclusions and/or Recommendations.

a. It appears that more effective liaison is required between NPIC and [Redacted] All things considered, for some reason, [Redacted] appears to be "dragging its feet" on this contract.

b. Before committing ourselves to an expensive development of the desired lens element or elements, we must prove operationally that a bar shaped, optically corrected magnifier is, in fact, a desirable scanning aid.

[Redacted]

Development Branch, P&DS

Declass Review by NGA.